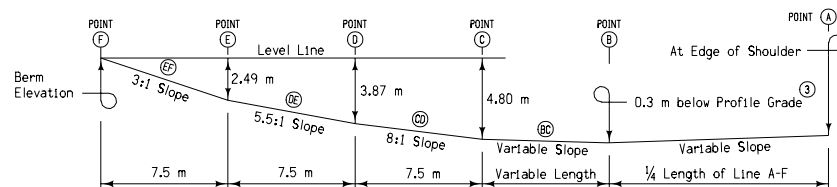


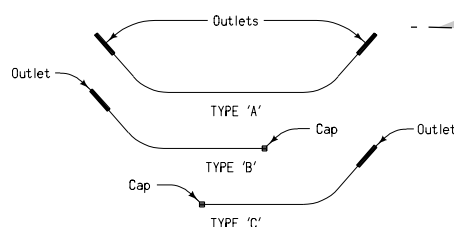
PLAN VIEW OF BRIDGE BERM AREA



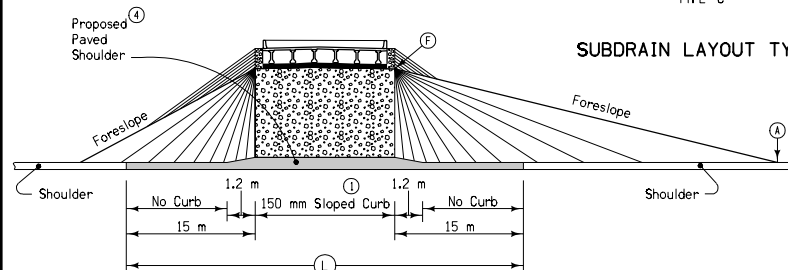
PROFILE ALONG LINE A-F

NOTES:

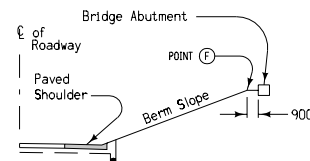
The contractor shall round slope intersecting points.
Slope arrows are pointing down slopes.
For additional information see Bridge Situation Plan.



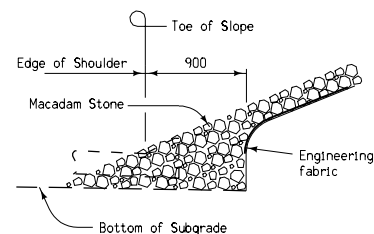
SUBDRAIN LAYOUT TYPES



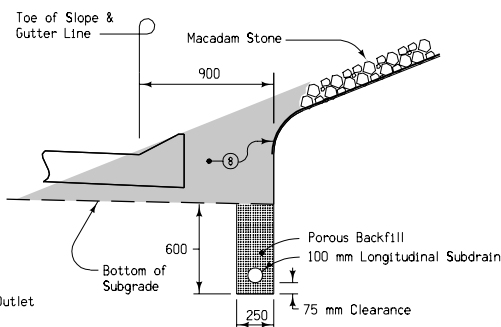
SIDE VIEW BENEATH BRIDGE



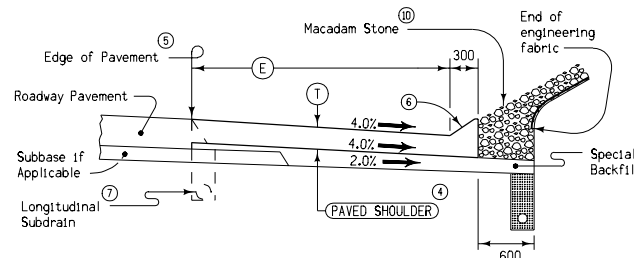
SECTION A-A



PARTIAL SECTION A-A
As constructed by others



PARTIAL SECTION A-A
Proposed construction



COMPLETED SECTION

GENERAL NOTES:

The cost of removal, stockpiling and placement of the macadam stone shall be considered incidental to "Paved Shoulder P.C. Concrete".

Contract Items:

Longitudinal Subdrain (Shoulder), 100 mm
Subdrain Outlet, RF-19E
Paved Shoulder, P.C. Concrete
Special Backfill

- ① Width of Bridge Slab + 900 mm on each side. Build 150 mm sloped curb to this width.
- ② Refer to Typical [4303] or [4304] for details of foreslope transition for side roads.
- ③ Elevation will vary when the roadway is superelevated; see Bridge Situation Plan for proposed elevation.
- ④ Refer to Standard Road Plan RH-41E for details of Paved Shoulder.
- ⑤ If roadway pavement is newly constructed PC Concrete use 'BT-1' Joint, if roadway pavement is existing PC Concrete use 'BT-3' Joint, see Standard Road Plan RH-51.
- ⑥ 150 mm sloped curb see Typical Drawing [6128].
- ⑦ Roadway Subdrain location, use caution when excavating. Maintain porous material in trench to bottom of roadway pavement.
- ⑧ Remove and stockpile macadam stone. Care shall be taken to keep the macadam stone and the surrounding earth separated. Care shall also be taken to preserve the engineering fabric.
- ⑨ Place clean macadam stone from stockpile.
- ⑩ Approximate location of bridge berm subdrain.
- ⑪ Subdrain outlet see Standard Road Plan RF-19E. When flow of subdrain does not require an outlet at both ends, the end without an outlet shall be capped by a method approved by the Engineer. See Tabulation of Subdrains [104-9].

All dimensions given in millimeters unless noted.

M	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	RL-15
	REVISION: Changed Reference for Paved Shoulder to Standard Road Plan RH-41E. Title change.	REVISION NO. 1
	<i>William J. Sten</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-21-03
	CONSTRUCTION DETAILS AT BRIDGE BERMS WITH NO OUTSIDE PIERS	